



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/763,724	01/23/2004	Jay Dee Krull	702.322	7331

7590 06/03/2004
Devon A. Rolf
GARMIN INTERNATIONAL, INC.
1200 East 151st Street
Olathe, KS 66062

EXAMINER

BEAULIEU, YONEL

ART UNIT	PAPER NUMBER
----------	--------------

3661

DATE MAILED: 06/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/763,724

Applicant(s)

KRULL ET AL.

Examiner

Yonel Beaulieu

Art Unit

3661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 23 Jan. 2004.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 – 6 and 8 – 15 are rejected under 35 U.S.C. 102(b) as being anticipated by Morimoto et al. (US 5,757,359).

Regarding claims 1, 3, 8 – 12, and 14, Morimoto et al. teaches a navigation device providing routing instructions comprising a GPS receiver (421 in fig. 16) for receiving satellite signals from a plurality of satellites (not explicitly shown) and determining a current location of the device (item 420); a memory (452-1) for storing route guidance data; receiving an input corresponding to a desired destination from a user (using item 410 in fig. 16; col. 10: 32 – 36 at least); a processor (450) coupled with the GPS and the memory and operable for calculating (using 451) a location of the device as a function of the received signals and for calculating a route to navigate to the desired destination and a speaker (416) coupled with the processor for providing audio instructions to navigate along the route to the desired destination (col. 11: 46 – 67) , wherein the receiver, the speaker, the memory, the processor and the speaker are housed in a portable handheld housing (note overall construction of fig. 16; col. 10: 13 – 53 at least).

Art Unit: 3661

Regarding claims 2 and 13, Morimoto et al. teaches adapting the device to adjust the route guidance (see figs. 15a, 15b, 20b – 23b, 25b, 26, and 27).

Regarding claim 4, Morimoto et al.'s input is selected from a keypad (411) and a microphone (412a; see fig. 16; col. 10: 39 – 43; col. 11; 1 – 12 at least).

Regarding claim 5, Morimoto's device further includes a display (414; fig. 16) coupled with the processor.

Regarding claims 6 and 15, Morimoto's device is operable to communicate with a remote server via a communications channel (col. 10: 21 – 27 at least).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 7 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Morimoto et al. ('359) as applied to claims 1 and 14 (directly and indirectly) above, and further in view of Neher (US 6,362,778 B2).

As discussed above, Morimoto et al. teaches all of the limitations except for the communications channel being selected from a wireless communications channel, a satellite communications channel, a local/wide area network channel, and a virtual private network.

However, Neher teaches, in the same field of endeavor of navigating a device, selecting a communications channel from a wireless communications channel, a satellite communications channel, a local/wide area network channel, and a virtual private network (as illustrated in fig. 6 at least).

It would have been obvious to one of ordinary skill in the art at the time of the invention to have included the above selection in Morimoto as evidenced by Neher in order to enhance versatility of the device.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yonel Beaulieu whose telephone number is (703) 305-4072. The examiner can normally be reached on M-R, from 0900-1600.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas BLACK can be reached on (703) 305-8233. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 10/763,724
Art Unit: 3661

Page 5

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Y. BEAULIEU
AU 3661
703-305-4072

Y. BEAULIEU
PRIMARY EXAMINER